

# Account on jupiter

Markus Levonyak

Parallel Computing Group

Favoritenstrasse 16

[levonyak@par.tuwien.ac.at](mailto:levonyak@par.tuwien.ac.at)

# Environment, SSH key

- Same key as for saturn has been used for generating accounts on jupiter
- **Accounts have been set up** for all who have an account on saturn

# Log into your account

- Enter in a shell (replace `<matriculation_number>` with your matriculation number):
  - `ssh -p 31989 e<matriculation_number>@jupiter.par.tuwien.ac.at`
- You will be asked for your passphrase – enter the passphrase you have chosen when generating your SSH key pair
- You should now be logged into your account

# Log into your account

- Contact [levonyak@par.tuwien.ac.at](mailto:levonyak@par.tuwien.ac.at) if you experience any problems

# •Jupiter node names

- jupiter0 (= jupiter)
- jupiter1 (=metis)
- jupiter2
- ...
- Jupiter35 (=kalyke)

# •Compiling and running MPI programs

- Include /opt/NECmpi/gcc/inst/bin64 in path
- mpicc -o <prog> <prog>.c
- mpicc -help
- mpirun -np 16 <prog>
- mpirun -help

# Help to keep the system secure

We are very concerned about securing our systems

Please inform [levonyak@par.tuwien.ac.at](mailto:levonyak@par.tuwien.ac.at) immediately if you suppose that anyone else could have had access to your SSH private key or if you detect any other security threat

# Help to keep the system secure

- Please help us by following a few simple rules:
  - Choose a secure and unique passphrase for your SSH private key
  - Never share your SSH private key with anyone
  - Always log out when you do not use the system or when you leave your PC
  - Never let anyone else use your account
  - Do not use the system for anything else than testing your programs written for this course